

Figure 1

Minimal Inhibitory Concentrations (MIC, mM) of Benzimidazoles against Bacteria and Yeast

Compound	Gram+				Gram-				Yeast	
	SA1	EH2	SP4	SP6	EC2	VP8	KP1	PA2	CA1	
7a	6-12	1-3	3-6	12-25	12-26	25-50	6-12	25-50	50-100	
7b	3-6	1-3	3-6	6-12	6-12	12-25	6-12	25-50	25-50	
7c	6-12	3-6	6-12	12-25	12-25	25-50	12-25	12-25	>100	
7d	12-25	6-12	6-12	25-50	50-	NT	25-50	25-50	>100	
					100					
7e	6-12	3-6	6-12	25-50	25-50	NT	25-50	25-50	>100	
7g	6-12	1-3	3-6	12-25	12-25	25-50	12-25	25-50	>100	
7i	6-12	1-3	3-6	6-12	6-12	12-25	6-12	25-50	>100	
7j	6-12	1-3	6-12	12-35	50-	50-100	12-25	12-25	50-100	
					100					
7k	3-6	1-3	6-12	6-12	25-50	>100	12-25	25-50	25-50	
7l	3-6	3-6	3-6	6-12	12-25	25-50	12-25	12-25	>100	
7m	6-12	3-6	6-12	12-25	12-25	25-50	12-25	12-25	50-100	
7o	6-12	3-6	6-12	12-25	12-25	25-50	12-25	25-50	>100	
7r	6-12	3-6	6-12	12-25	12-25	12-25	6-12	12-25	50-100	
7s	6-12	3-6	6-12	12-25	12-25	25-50	12-25	25-50	>100	
7t	6-12	3-6	6-12	25-50	50-	25-50	25-50	12-25	50-100	
					100					
7u	6-12	3-6	6-12	12-25	25-50	25-50	12-25	25-50	>100	
7x	6-12	3-6	12-25	6-12	6-12	25-50	25-50	12-25	50-100	
10b	3-7	0.75-1.5	25-50	6-12	12-26	25-50	25-50	6-12	6-12	
10c	6-12	1-3	3-6	6-12	12-25	NT	6-12	12-25	12-25	
12	3-6	1-3	3-6	6-12	6-12	NT	6-12	12-25	50-100	

<sup>a</sup>SA1: *S. aureus* 13709; EH2: *E. hirae* 29212; SP4: *S. pyogenes* 49399; SP6: *S. pneumoniae* 6303; EC2: *E. coli* 25922; VP8: *P. vulgaris* 8427; KP1: *K. pneumoniae* 13383; PA2: *P. aeruginosa* 25416; CA1: *C. albicans* 10231, NT: Not tested.



Figure 3

Minimal Inhibitory Concentrations (MIC) of Selected Benzimidazoles against Bacteria and Yeast<sup>a</sup>

Compound	Gram +				Gram -				Yeast
	SA1	EH2	SP4	SP6	EC2	PV8	KP1	PA2	
14a	6-12	25-50	25-50	12-25	25-50	25-50	25-50	50-100	12-25
14b	6-12	25-50	25-50	6-12	>100	>100	50-100	>100	>100
19f	6-12	3-6	6-12	12-25	12-25	12-25	12-25	25-50	25-50
17g	6-12	3-6	6-12	12-25	12-25	25-50	6-12	25-50	12-25
17h	6-12	1-3	6-12	12-25	25-50	>100	12-25	>100	>100
18j	3-6	3-6	6-12	12-25	>100	50-100	6-12	50-100	>100
18m	6-12	1-3	6-12	12-25	>100	25-50	25-50	50-100	25-50

<sup>a</sup>SA1: *S. aureus* 13709; EH2: *E. hirae* 29212; SP4: *S. pyogenes* 49399; SP6: *S. pneumoniae* 6303; EC2: *E. coli* 25922; PV8: *P. vulgaris* 8427; KP1: *K. pneumoniae* 13383; PA2: *P. aeruginosa* 25416; CA1: *C. albicans* 10231.